

Manas Kumar Bhunia

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

29
papers

1,454
citations

18
h-index

32
g-index

32
ext. papers

1,578
ext. citations

4.7
avg, IF

4.66
L-index

| # | Paper | IF | Citations |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 29 | Novel Tetradentate Phosphonate Ligand Based Bioinspired Co-MetalOrganic Frameworks: Robust Electrocatalyst for the Hydrogen Evolution Reaction in Different Mediums. <i>Crystal Growth and Design</i> , 2021 , 21, 2614-2623 | 3.5 | 7 |
| 28 | Sulfur-containing nitrogen-rich robust hierarchically porous organic polymer for adsorptive removal of mercury: experimental and theoretical insights. <i>Environmental Science: Nano</i> , 2021 , 8, 2641-2649 | 7.1 | 4 |
| 27 | Novel Porous Polycatenated IodoCadmium Coordination Polymer for Iodine Sorption and Electrical Conductivity Measurement. <i>Crystal Growth and Design</i> , 2019 , 19, 2206-2218 | 3.5 | 23 |
| 26 | Solvent-Free Synthesis of Quaternary Metal Sulfide Nanoparticles Derived from Thiourea. <i>Particle and Particle Systems Characterization</i> , 2018 , 35, 1700183 | 3.1 | 4 |
| 25 | Dendritic Tip-on Polytriazine-Based Carbon Nitride Photocatalyst with High Hydrogen Evolution Activity. <i>Chemistry of Materials</i> , 2015 , 27, 8237-8247 | 9.6 | 108 |
| 24 | Harvesting Solar Light with Crystalline Carbon Nitrides for Efficient Photocatalytic Hydrogen Evolution. <i>Angewandte Chemie</i> , 2014 , 126, 11181-11185 | 3.6 | 83 |
| 23 | Harvesting solar light with crystalline carbon nitrides for efficient photocatalytic hydrogen evolution. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 11001-5 | 16.4 | 238 |
| 22 | R&Ktitelbild: Harvesting Solar Light with Crystalline Carbon Nitrides for Efficient Photocatalytic Hydrogen Evolution (Angew. Chem. 41/2014). <i>Angewandte Chemie</i> , 2014 , 126, 11278-11278 | 3.6 | |
| 21 | Thermochemistry of paddle wheel MOFs: Cu-HKUST-1 and Zn-HKUST-1. <i>Langmuir</i> , 2013 , 29, 8140-5 | 4 | 82 |
| 20 | Fine dispersion of BiFeO ₃ nanocrystallites over highly ordered mesoporous silica material and its photocatalytic property. <i>Journal of Nanoscience and Nanotechnology</i> , 2013 , 13, 2557-65 | 1.3 | 14 |
| 19 | Solvothermal synthesis of mesoporous aluminophosphate for polluted water remediation. <i>Microporous and Mesoporous Materials</i> , 2012 , 155, 258-264 | 5.3 | 14 |
| 18 | Hollow spherical mesoporous phosphosilicate nanoparticles as a delivery vehicle for an antibiotic drug. <i>Chemical Communications</i> , 2012 , 48, 2891-3 | 5.8 | 58 |
| 17 | Nitrogen-rich porous covalent imine network (CIN) material as an efficient catalytic support for C-C coupling reactions. <i>Dalton Transactions</i> , 2012 , 41, 1304-11 | 4.3 | 96 |
| 16 | Memory effects in superparamagnetic and nanocrystalline Fe ₅₀ Ni ₅₀ alloy. <i>Journal of Applied Physics</i> , 2012 , 111, 033919 | 2.5 | 28 |
| 15 | Multifunctional behaviour of mesoporous LiNbO ₃ . <i>Journal of Applied Physics</i> , 2012 , 111, 054310 | 2.5 | 9 |
| 14 | Direct Synthesis of 2D-Hexagonal Mesoporous Iron Silicate and its Catalytic Activity for Selective Friedel-Crafts Alkylation. <i>Open Catalysis Journal</i> , 2012 , 5, 56-65 | | 3 |
| 13 | Synthesis, Characterization, and Biofuel Application of Mesoporous Zirconium Oxophosphates. <i>ACS Catalysis</i> , 2011 , 1, 493-501 | 13.1 | 96 |

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|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|
| 12 | Metal directed structural diversity of two coordination polymers and their optical and magnetic properties. <i>Polyhedron</i> , 2011 , 30, 2218-2226 | 2.7 | 23 |
| 11 | Influence of chloro-chloro interaction and π -stacking in 3D supramolecular framework construction. <i>CrystEngComm</i> , 2011 , 13, 6136 | 3.3 | 12 |
| 10 | Highly porous Co(II)-salicylate metal-organic framework: synthesis, characterization and magnetic properties. <i>Dalton Transactions</i> , 2011 , 40, 2932-9 | 4.3 | 51 |
| 9 | Self-assembled TiO ₂ nanoparticles: mesoporosity, optical and catalytic properties. <i>Dalton Transactions</i> , 2010 , 39, 4382-90 | 4.3 | 128 |
| 8 | Hierarchical mesoporous Fe/ZSM-5 with tunable porosity for selective hydroxylation of benzene to phenol. <i>Journal of Materials Chemistry</i> , 2010 , 20, 8575 | | 30 |
| 7 | Highly ordered Ti-SBA-15: Efficient H ₂ adsorbent and photocatalyst for eco-toxic dye degradation. <i>Journal of Solid State Chemistry</i> , 2010 , 183, 1326-1333 | 3.3 | 75 |
| 6 | Temperature induced proton transfer in a hydrogen bonded supramolecule. <i>Chemical Physics Letters</i> , 2010 , 498, 145-150 | 2.5 | 3 |
| 5 | Identification of Reaction Conditions That Can Reproducibly Lead to a Particular Vertex Geometry: Quest for a Robust and Reproducible Metal-Carboxylate Noncluster-type SBU. <i>Crystal Growth and Design</i> , 2009 , 9, 3488-3496 | 3.5 | 35 |
| 4 | Influence of Anion on the Coordination Mode of a Flexible Neutral Ligand in Zn(II) Complexes: From Discrete Zero-Dimensional to Infinite 1D Helical Chains, 2D Nanoporous Bilayer Networks, and 3D Interpenetrated Metal-Organic Frameworks. <i>Crystal Growth and Design</i> , 2009 , 9, 1095-1105 | 3.5 | 72 |
| 3 | Self-Assembled Mesoporous Zirconia and Sulfated Zirconia Nanoparticles Synthesized by Triblock Copolymer as Template. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 8918-8923 | 3.8 | 92 |
| 2 | Crystal Chemistry of 1:1 Molecular Complexes of Carbamate Salts Formed by Slow Aerial Carbonation of Amines. <i>Journal of Chemical Crystallography</i> , 2008 , 38, 787-792 | 0.5 | 10 |
| 1 | Crystal engineering of zinc(II) metal-organic frameworks: role of steric bulk and angular disposition of coordinating sites of the ligands. <i>CrystEngComm</i> , 2008 , 10, 1167 | 3.3 | 54 |